

FDC8-170

Datasheet

FULBAT[®]

DEEP CYCLE BATTERY



AGM

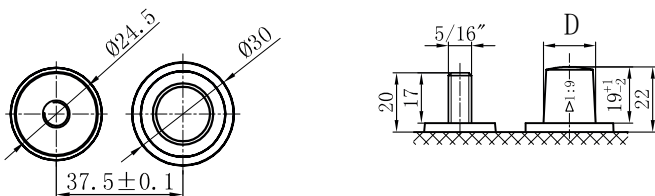
**CARBON
ADDITIVE**

FDC Series are Deep Cycle AGM Carbon batteries specifically designed for frequent discharge deep cycle application. With non-spillable design and maintenance free, AGM FDC Series offer low self-discharge and ensure a maximum service life with high resistance to cycles. Thanks to carbon additives, these batteries can perfectly be used with good performance without being 100% charged. This range offers reliable performance for electric vehicle and other applications such as golf cart, aerial work platform, cleaning machine, marine, solar energy...

FEATURES

- Deep Cycle AGM technology (VRLA)
- Non-spillable & maintenance free
- No acid handling
- Deep Cycle design for high capacity and maximum life
- Reinforced grid/plates design for optimal cyclic use
- Robust, safe & reliable
- Carbon additives to perform in Partial State of Charge (PSOC) and to increase charging efficiency
- Low self-discharge rate for longer shelf life

TERMINAL



SPECIFICATIONS

Voltage	Capacity	Reserve capacity
8V	180 Ah (100hr)	325 min (25A)
	170 Ah (20hr)	130 min (56A)
	155 Ah (10hr)	
	145 Ah (5hr)	

OPERATING TEMPERATURE

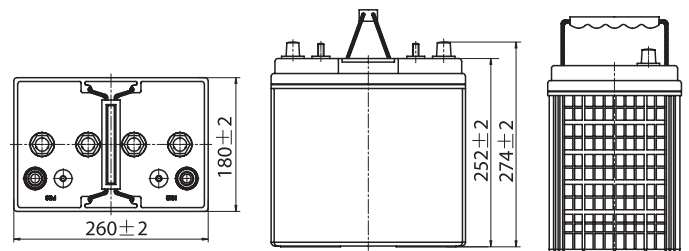
Discharge	-15°C ~ 50°C
Charge	0°C ~ 40°C
Storage	-15°C ~ 40°C

CHARGING INSTRUCTIONS

Max current	33A
Float	9.12V - 9.28V
Cyclic	9.6V - 9.8V

DIMENSIONS & WEIGHT

Length	260±2mm
Width	180±2mm
Total Height	274±2mm
Gross weight	29.2kg



APPLICATIONS



Aerial work platform



Golf cart



Floor cleaning machine



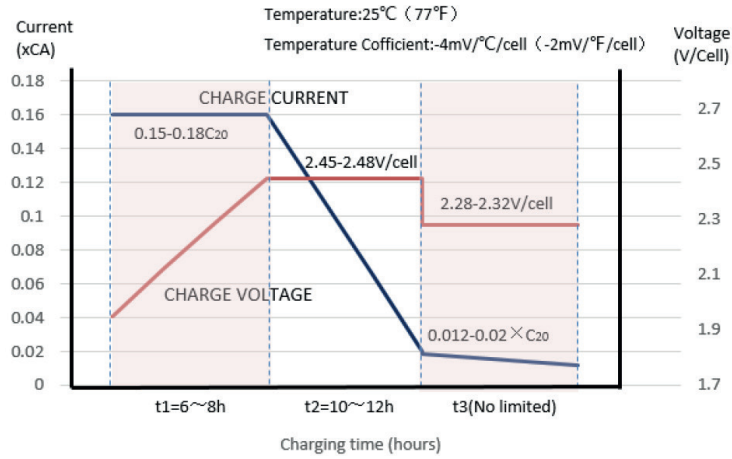
Solar

FDC8-170

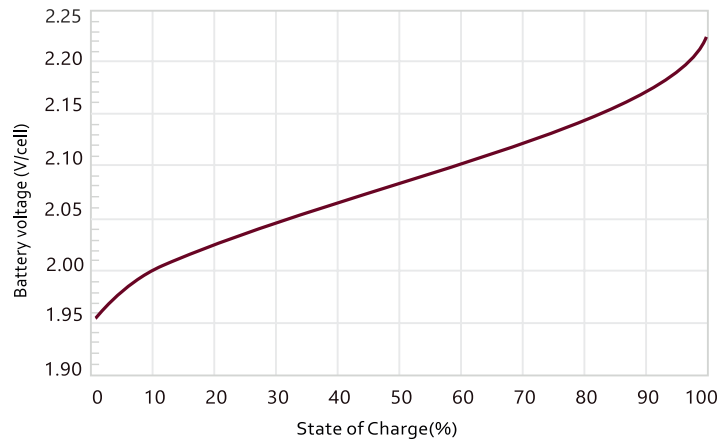
Datasheet



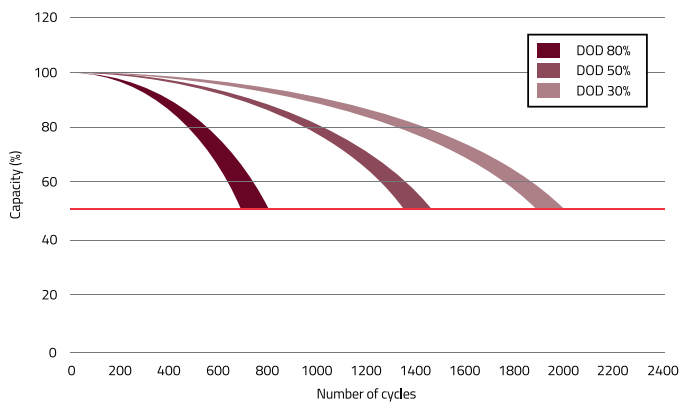
FDC AGM CHARGING PROFILE



RELATIONSHIP OF OCV AND STATE OF CHARGE (25°C)



CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE



SELF-DISCHARGE CHARACTERISTIC

